

FIG. 1

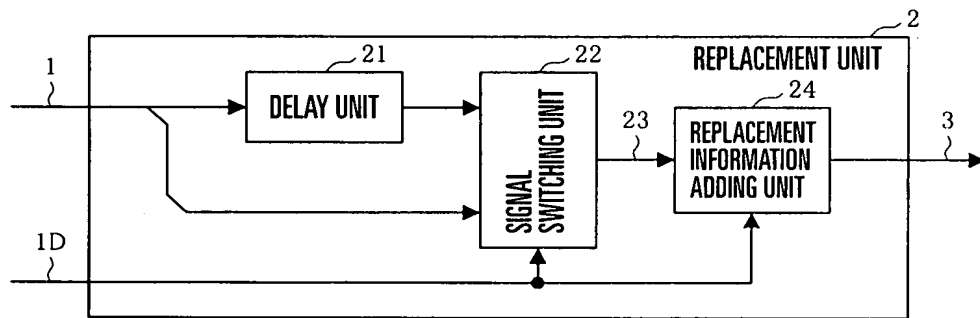


FIG. 2A

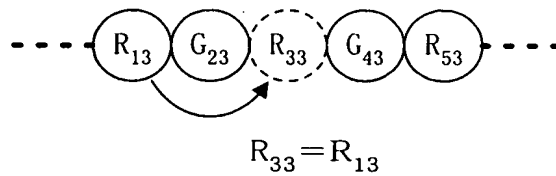


FIG. 2B

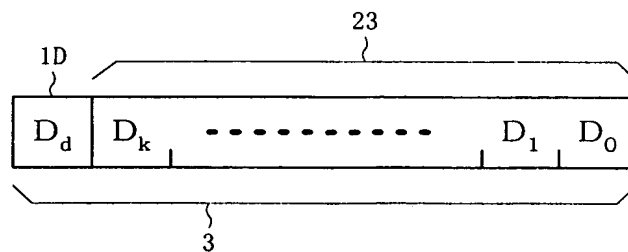


FIG. 2C

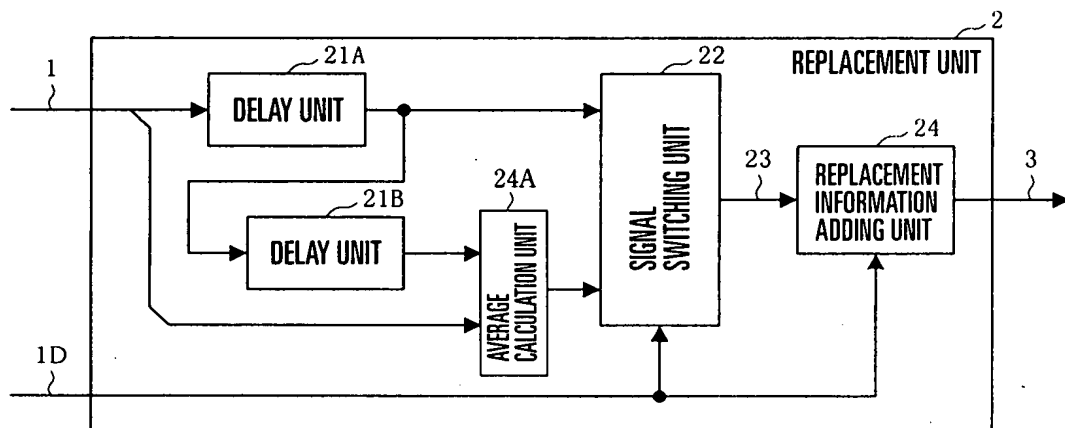


FIG. 3A

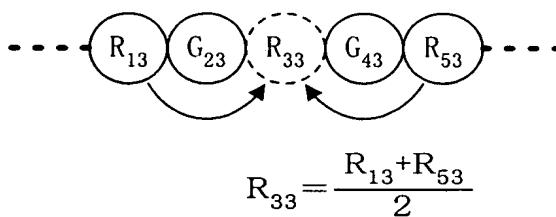


FIG. 3B

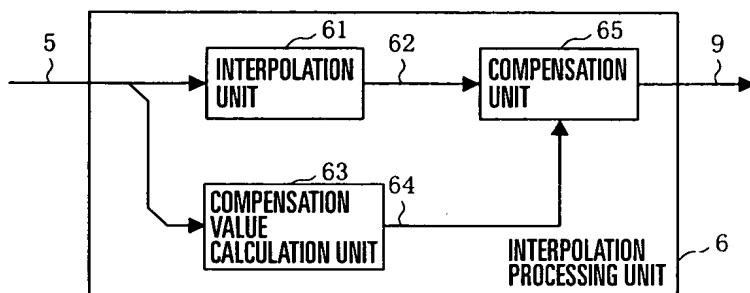


FIG. 4

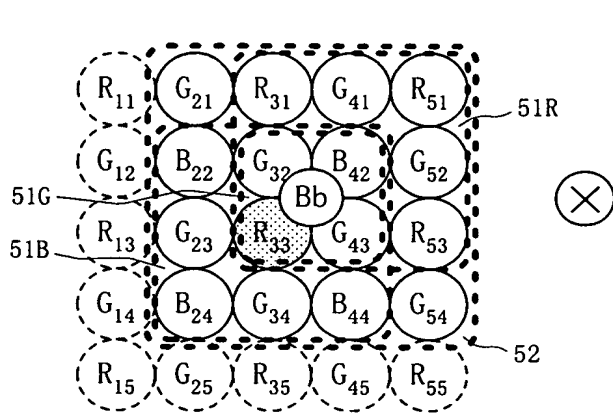


FIG. 5A

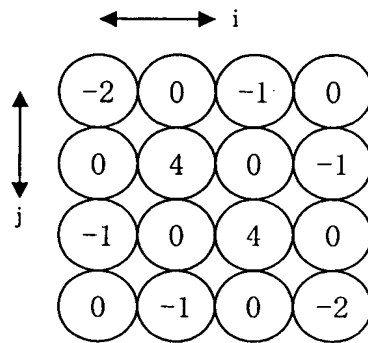


FIG. 5B

$$g_{Bb} = \frac{G_{32} + G_{43}}{2}$$

$$r_{Bb} = \frac{5 \times R_{33} + R_{31} + R_{51} + R_{53}}{8}$$

$$bBb = \frac{5 \times B_{42} + B_{22} + B_{24} + B_{44}}{8}$$

$$\text{HFBB} = \frac{4 \times (G_{32} + G_{43}) - 2 \times (G_{21} + G_{54}) - (G_{41} + G_{52} + G_{23} + G_{34})}{\text{gf}}$$

$$g'Bb = Ga + HFBb$$

$$r'Bb = Ra + HFBb$$

$$b'Bb = Ba + HFBb$$

FIG. 5C

FIG. 6A

G₃₂ AS DEFECTIVE PIXEL (THIS ALSO APPLIES TO G₄₃)

$$\begin{aligned} \text{gBb} &= G_{43} \\ (\text{gBb} &= G_{32}) \end{aligned}$$

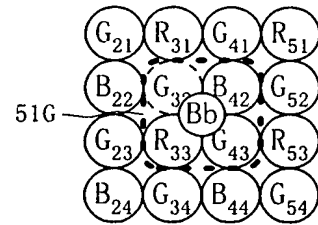


FIG. 6B

R33 AS DEFECTIVE PIXEL (THIS ALSO APPLIES TO B42)

$$\begin{aligned} \text{rBb} &= \frac{R_{33} + R_{31} + R_{51} + R_{53}}{4} \\ (\text{bBb} &= \frac{B_{42} + B_{22} + B_{24} + B_{44}}{4}) \end{aligned}$$

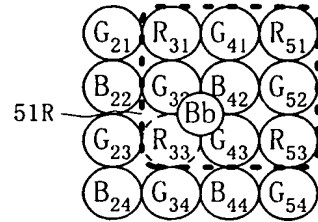


FIG. 6C

ONE OR MORE PIXELS OF R31, R51, AND R53, AS DEFECTIVE PIXELS (THIS ALSO APPLIES TO B22, B24, AND B44)

$$\begin{aligned} \text{rBb} &= \text{R}_{33} \\ (\text{bBb} &= \text{B}_{42}) \end{aligned}$$

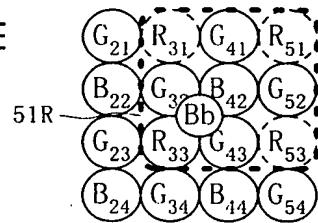


FIG. 6D

**ONE OR MORE PIXELS OF G21, G23, G32, G34, R41, G43, G52,
AND R54 AS DEFECTIVE PIXELS**

$$\text{HFBb} = 0$$

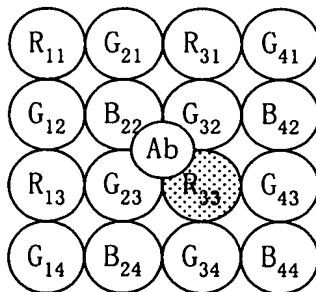
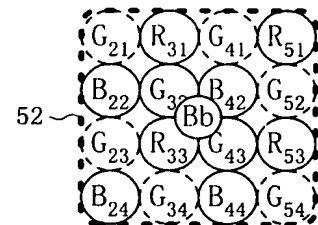


FIG. 7A

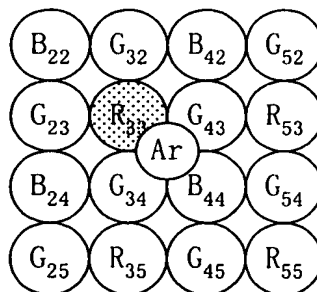


FIG. 7B

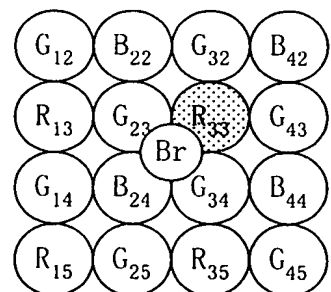


FIG. 7C

FIG. 8

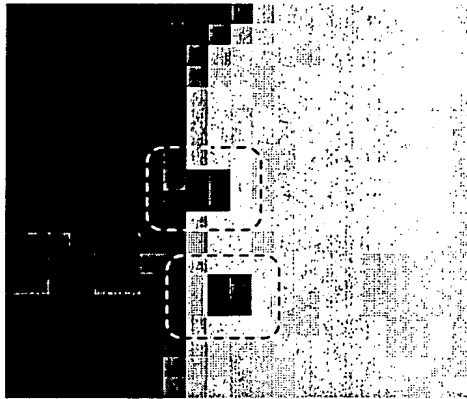


FIG. 9

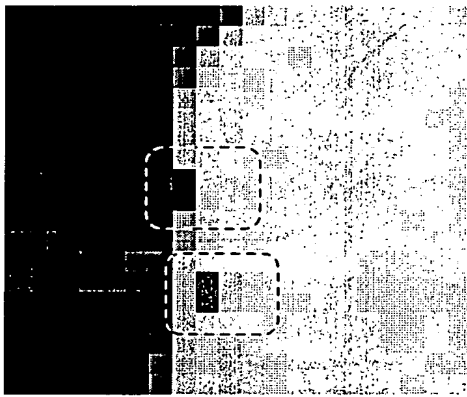
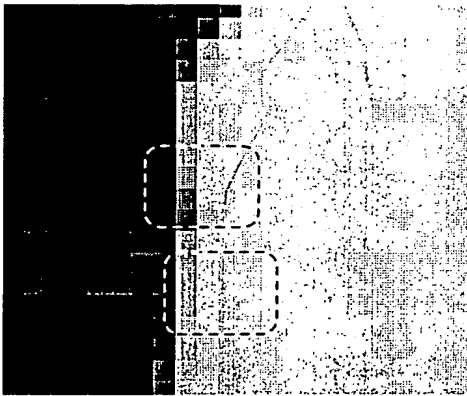


FIG. 10



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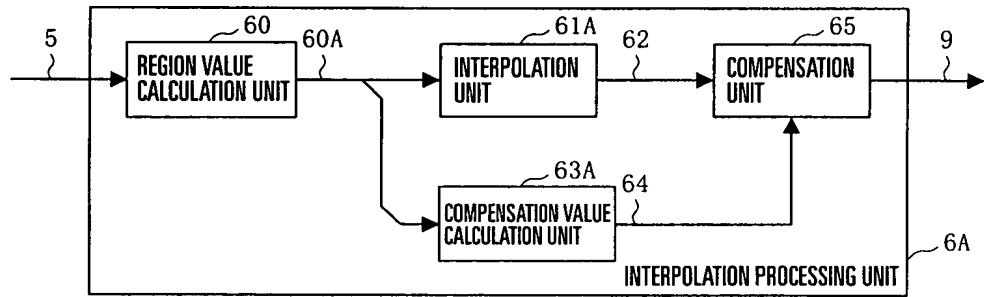


FIG. 11

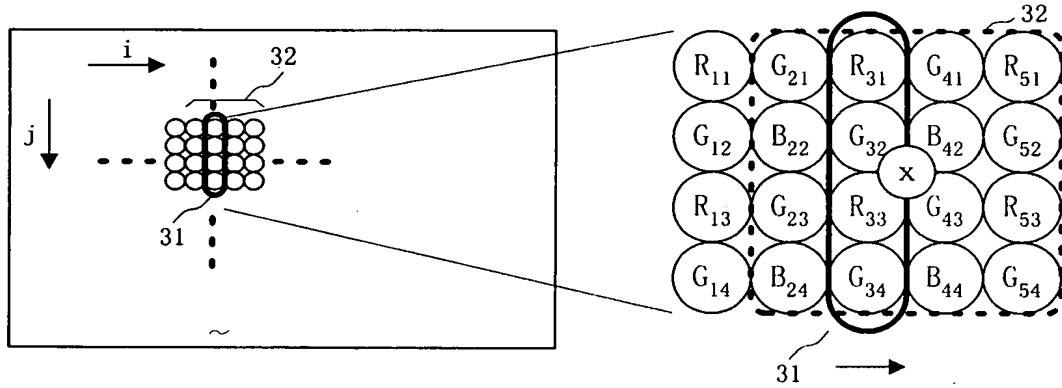


FIG. 12A

FIG. 12B

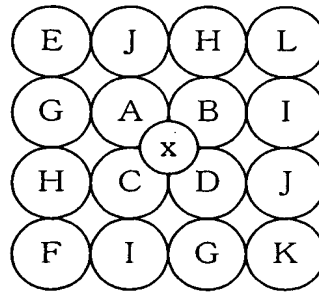


FIG. 12C

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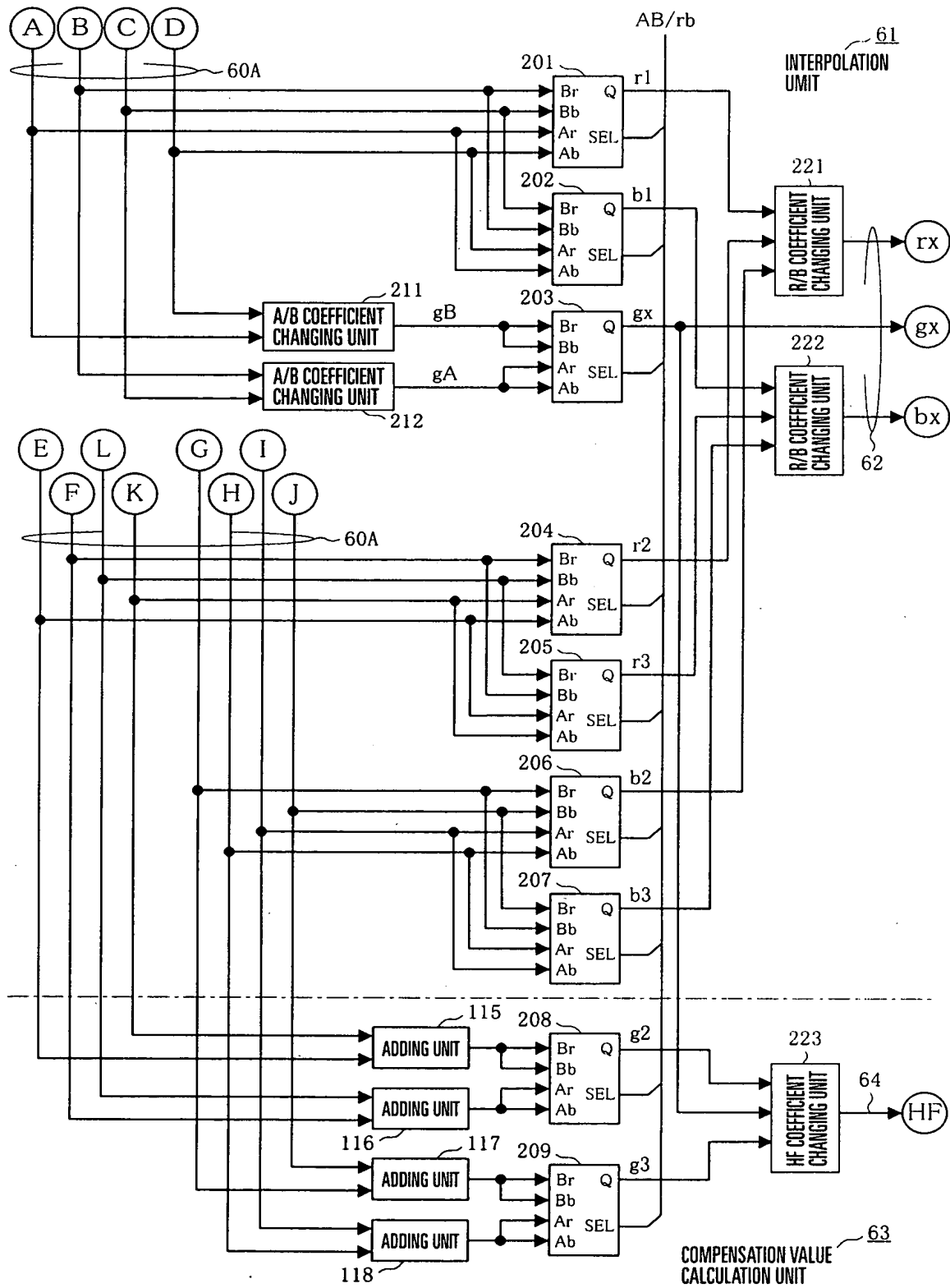


FIG. 14

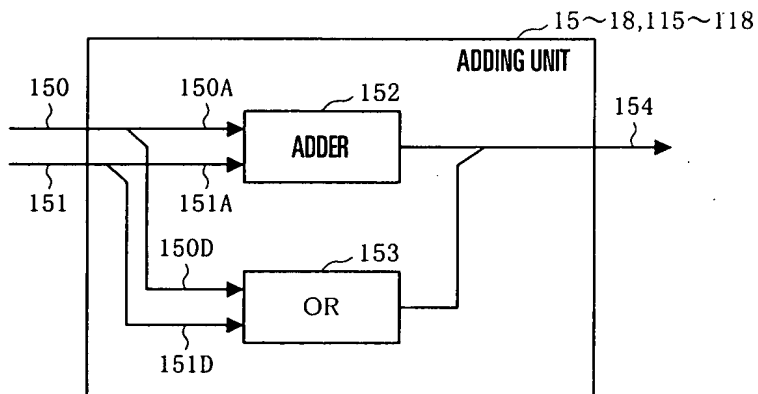


FIG. 15

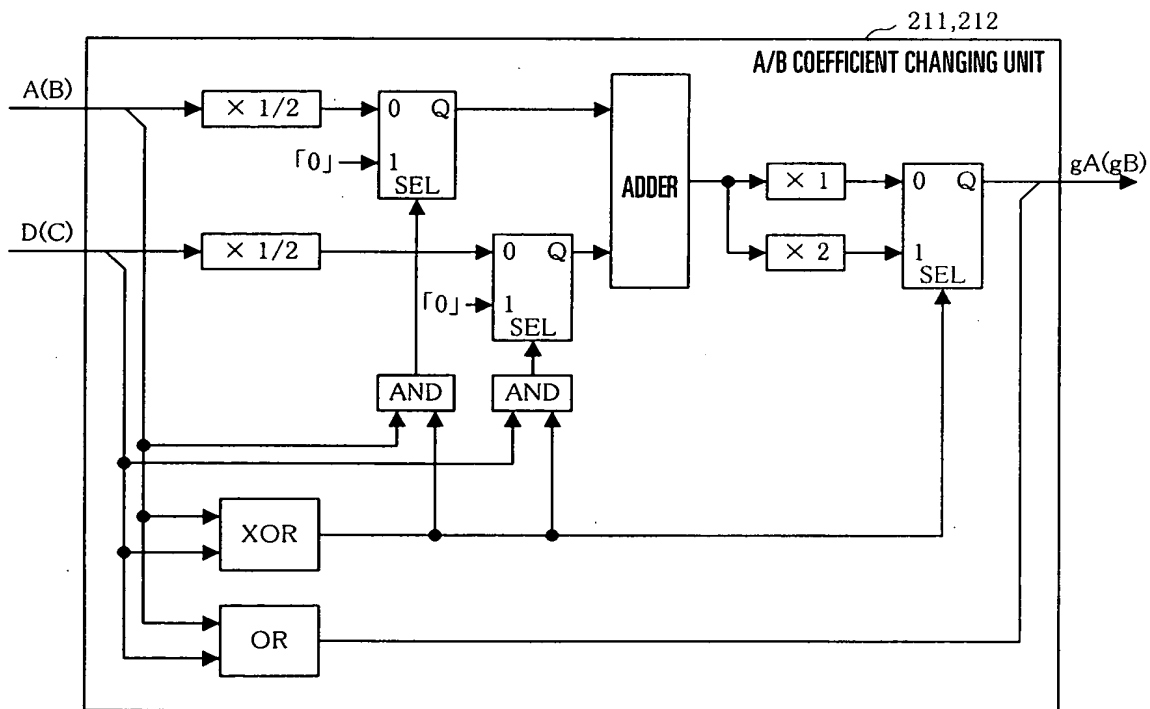
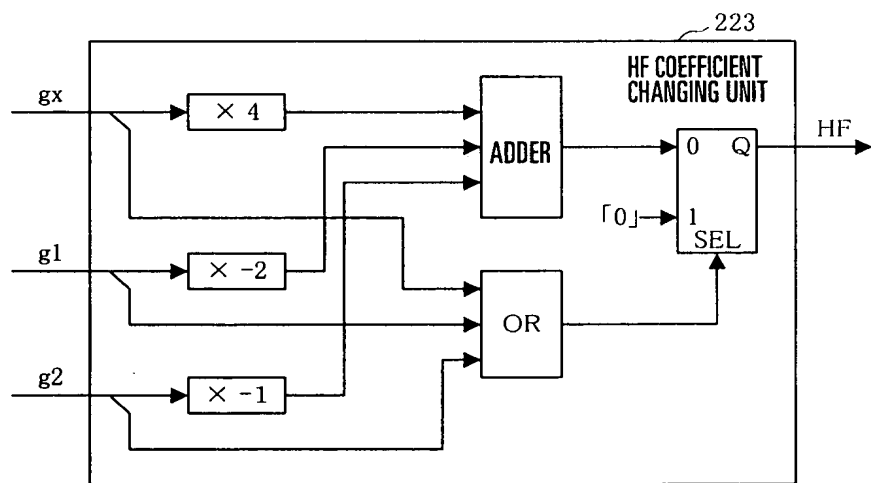
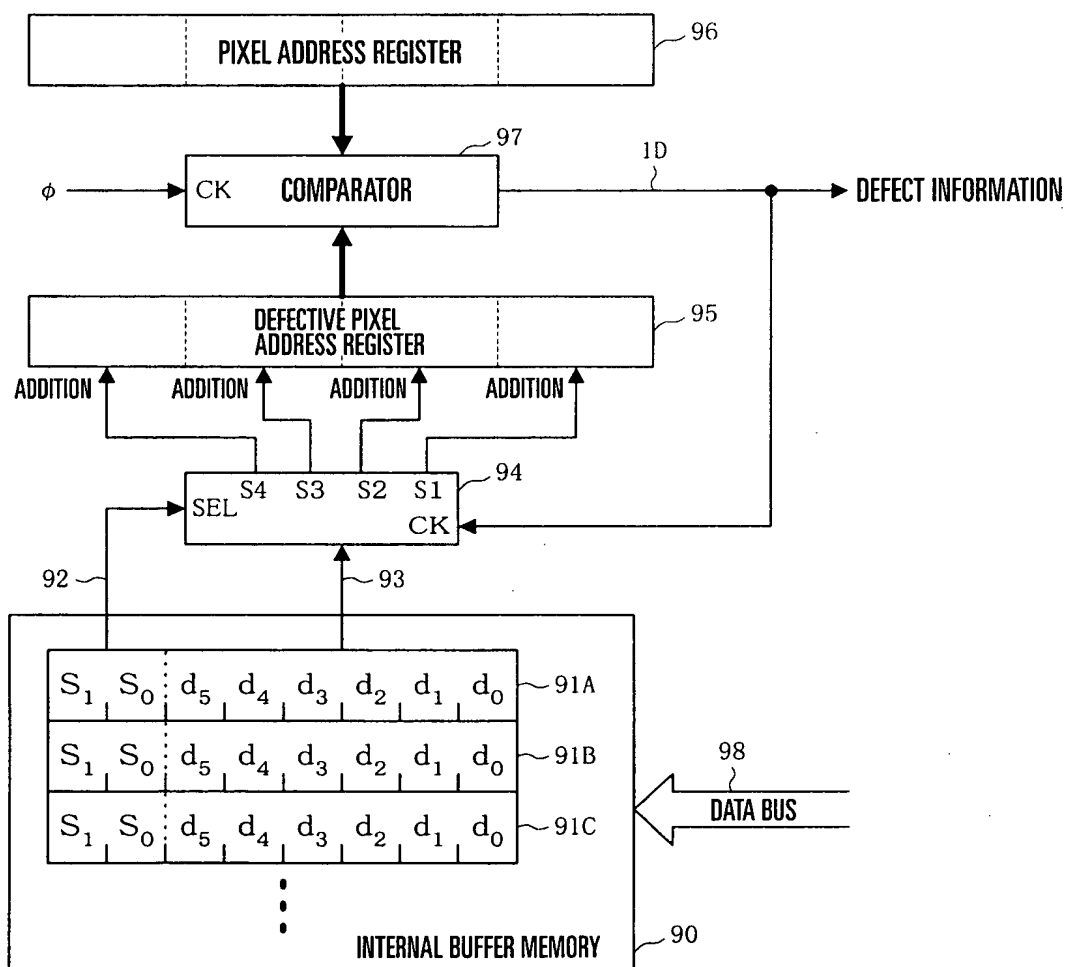


FIG. 16

[illegible]



009060" 59955960

FIG. 21A

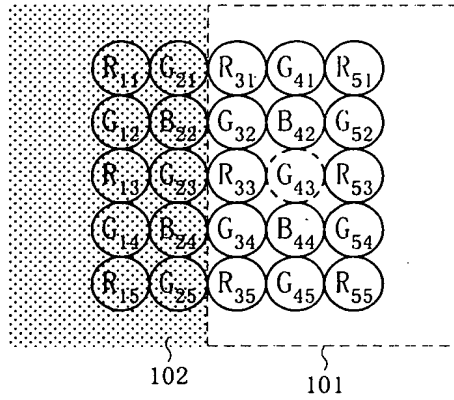


FIG. 21B

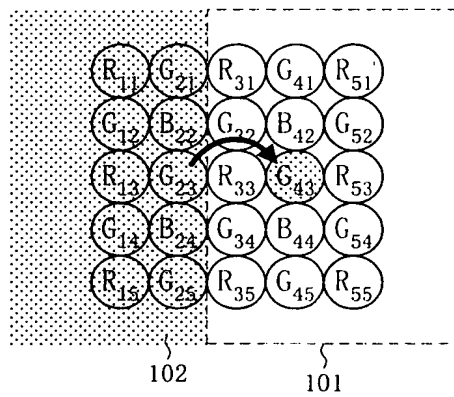


FIG. 21C

